We Claim:

1. A method for generating images for display through a lenticular medium, comprising steps of:

inputting a plurality of digital image files into a storage medium, each having a respective pixel dimension in a first direction and a respective pixel dimension in a second direction;

inputting a printer resolution data into a storage medium;

inputting a lenticular resolution data into a storage medium;

inputting a print image size data into a storage medium;

inputting into a storage medium a frame number representing a number of viewing angles;

inputting into a storage medium a depth value data corresponding to at least one of said plurality of pixel images;

calculating an output image dimension data representing a pixel dimension in said first direction and a pixel dimension in said second direction, said calculating based on said printer resolution data, said print image size data, and said viewing angle number data;

inputting a print object dimension data corresponding to at least one of said input pixel images, said print object dimension data corresponding to a printed dimension of a printed image corresponding to said input pixel image;

generating a plurality of scaled input pixel image files, each based on said output image dimension data, a corresponding one of said print object dimension data;

generating a left composite frame file having said plurality of scaled pixel image files combined according to a first alignment;

generating a right composite frame file having said plurality of scaled image files combined in a second alignment, said second alignment and said first alignment having a relation in accordance with at least said depth value data; and

generating an interphased pixel file based on said left composite image file and said right composite image file.

2. A method as in claim 1, further comprising the steps of:

calculating a lines-per-lenticule data based on said print printer resolution data and said frame number;

generating print output file based on said interphased pixel file and on said lines-per-lenticule data;

outputting the print output file to a printer associated with the printer resolution data; and

printing an image, using said printer, on a lenticular medium.

3. A method as in claim 1, wherein said step of inputting a plurality of digital image files into a storage medium includes inputting a primary digital image file and extracting one or of said plurality of digital image files from said primary digital image file.

4. A method as in claim 1, wherein said step of inputting a printer resolution data into a storage medium comprises steps of:

accessing a data representing a plurality of printer resources and a corresponding plurality of available printer resolution data associated;

receiving a user generated printer selection command selecting one of said plurality of printer resources;

generating the printer resolution data for inputting into the storage medium based on the user generated selection command.

5. A method as in claim 2, wherein said step of inputting a printer resolution data into a storage medium comprises steps of:

accessing a data representing a plurality of printer resources and a corresponding plurality of available printer resolution data associated;

receiving a user generated printer selection command selecting one of said plurality of printer resources;

generating the printer resolution data for inputting into the storage medium based on the user generated selection command.